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HTML5 Canvas

가 , getdom/getjdom/getcontext

: /HTML5/COMPONENT/CANVAS/canvas_basic

- [canvas_basic.xml](#)
- [canvas_basic.js](#)
- [...](#)

```
var arrImageAlign = [];  
var strCanvasImage = "";  
  
function screen_on_load()  
{  
    arrImageAlign = [tg_left_top,    tg_center_top,    tg_right_top,  
                    tg_left_center, tg_center_center, tg_right_center,  
                    tg_left_bottom, tg_center_bottom, tg_right_bottom];  
    arrImageAlign[0].setstate(true);  
  
    draw_smile();    //  
}  
  
//  
function rd_drawmode_on_click(objInst, bPrevCheckState, bCurCheckState)  
{  
    canvas01.setdrawmode(objInst.getselectvalue());    //    - 0:  
    none, 1: pen, 2: straight, 3: eraser  
  
    switch (parseInt(objInst.getselectvalue(), 10))  
    {  
        case 1:    // pen  
            cb_linestyle.setenable(false);  
            cb_arrowstyle.setenable(false);
```

```
        cp_linecolor.setenable(true);
        sp_linewidth.settext(canvas01.getlinewidth());
        break;
    case 2:    // straight
        cb_linestyle.setenable(true);
        cb_arrowstyle.setenable(true);
        cp_linecolor.setenable(true);
        sp_linewidth.settext(canvas01.getlinewidth());
        break;
    case 3:    // eraser
        cb_linestyle.setenable(false);
        cb_arrowstyle.setenable(false);
        cp_linecolor.setenable(false);
        sp_linewidth.settext(canvas01.geteraserwidth());
        break;
    default:
        break;
}
}

//
function cb_arrowstyle_on_itemchange(objInst, nprev_item, ncur_item)
{
    canvas01.setarrowstyle(ncur_item);    // 0: none, 1: right_arrow, 2:
left_arrow, 3: both_arrow
}

//
function cb_linestyle_on_itemchange(objInst, nprev_item, ncur_item)
{
    canvas01.setlinestyle(ncur_item);    // 0: solid, 1: dash, 2: dot, 3:
dashdot, 4: dashdotdot
}

//
function cp_linecolor_on_change(objInst, nprev_item, ncur_item)
{
    canvas01.setlinecolor(cp_linecolor.gettext());
}

//
//
function sp_linewidth_on_changed(objInst, prev_text, curr_text)
{
    if (canvas01.getdrawmode() == 3) {
        canvas01.seteraserwidth(curr_text);    //
    } else {
        canvas01.setlinewidth(curr_text);    //
    }
}

// undo
```

```
function btn_undo_on_mouseup(objInst)
{
    canvas01.undocanvas();    // undo
}

// redo
function btn_redo_on_mouseup(objInst)
{
    canvas01.redocanvas();    // redo
}

//
function btn_clear_on_mouseup(objInst)
{
    canvas01.clearcanvas();    //
}

//
function btn_insertimage_on_mouseup(objInst)
{
    var nSize, nHAlign, nVAlign;

    if (rd_image_fix.getcheck() == true) nSize = 0;
    else nSize = 1;

    for(var i=0; i<arrImageAlign.length; i++)
    {
        if (arrImageAlign[i].getstate() == true)
        {
            nHAlign = parseInt(arrImageAlign[i].gettext().substr(0,1), 10);
            nVAlign = parseInt(arrImageAlign[i].gettext().substr(1,1), 10);
            break;
        }
    }
    //
    // 1      :      (null      ,      )
    // 2      :      (0:      , 1:      )
    // 3      :      (0:left, 1:center, 2:right)
    // 4      :      (0:top, 1:center, 2:bottom)
    canvas01.insertimage(null, nSize, nHAlign, nVAlign);
}

function tg_image_align_on_click(objInst, bState)
{
    for(var i=0; i<arrImageAlign.length; i++)
    {
        if (arrImageAlign[i] == objInst) arrImageAlign[i].setstate(true);
        else arrImageAlign[i].setstate(false);
    }
}
```

```
//
function btn_save_on_mouseup(objInst)
{
    //
    // 1      :      ,
    //      on_saveimage
    canvas01.saveimage(chk_withbg.getcheck());
}

function canvas01_on_saveimage(objInst, strImage)
{
    strCanvasImage = strImage;
    img_save.setimagedata(strImage);    //
}

//
function btn_restore_on_mouseup(objInst)
{
    if (strCanvasImage.length > 0) {
        canvas01.insertimage(strCanvasImage, 1);
    }
}

//
function draw_smile()
{
    var context = canvas02.getcontext();

    context.beginPath();
    context.arc(75,75,50,0,Math.PI*2,true); //
    context.moveTo(110,75);
    context.arc(75,75,35,0,Math.PI,false); // (      )
    context.moveTo(65,65);
    context.arc(60,65,5,0,Math.PI*2,true); //
    context.moveTo(95,65);
    context.arc(90,65,5,0,Math.PI*2,true); //
    context.stroke();
}

function btn_drawtext_on_mouseup(objInst)
{
    canvas01.drawtext("Hello", 300, 200, factory.rgb(0,0,255), " ", 40,
true, true, true, true);
}

function canvas01_on_click(objInst, nXPoint, nYPoint, nPageXPoint,
nPageYPoint)
{
    if (canvas01.getdrawmode() == 4) {
        canvas01.drawtext(field01.gettext(), nXPoint, nYPoint);
    }
}
}
```

From:

<http://technet.softbase.co.kr/wiki/> - **xFrame5 TechNet**

Permanent link:

http://technet.softbase.co.kr/wiki/guide/component/canvas/canvas_basic



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